

Data File : VU026506.D
Acq On : 31 Aug 2018 17:45
Operator : MD/SY
Sample : J4691-09 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE06DL

Quant Time: Sep 01 01:05:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	153866	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144358	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62742	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37160	38.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.96%
7) Chloroethane-d5	1.68	69	36599	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.02%
11) 1,1-Dichloroethene-d2	2.27	63	55026	25.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.26%#
21) 2-Butanone-d5	4.18	46	71985	97.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.29%
24) Chloroform-d	4.65	84	80508	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
26) 1,2-Dichloroethane-d4	5.31	65	54614	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
32) Benzene-d6	5.34	84	154629	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
36) 1,2-Dichloropropane-d6	6.33	67	56318	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.54%
41) Toluene-d8	7.57	98	139001	43.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.56%
43) trans-1,3-Dichloropropene-	7.85	79	23886	45.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.52%
47) 2-Hexanone-d5	8.31	63	51599	98.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	79452	47.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	57514	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%

Target Compounds

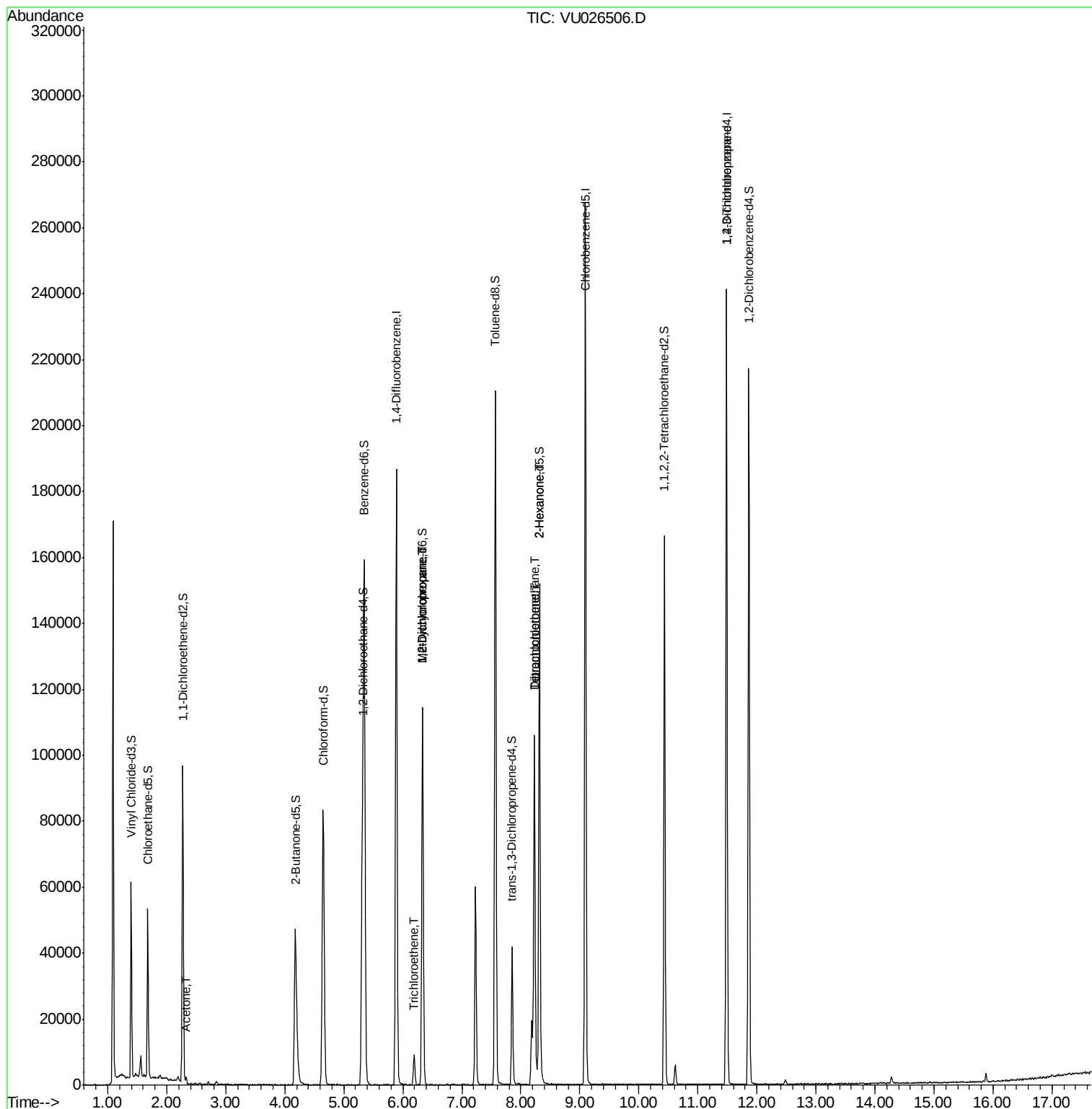
					Qvalue
13) Acetone	2.32	43	1830	2.856 ug/L	99
34) Trichloroethene	6.19	95	3429	3.303 ug/L	96
35) Methylcyclohexane	6.33	83	12345	7.616 ug/L #	17
37) 1,2-Dichloropropane	6.34	63	5970	5.211 ug/L #	88
46) Tetrachloroethene	8.23	164	22596	26.624 ug/L	98
48) 2-Hexanone	8.31	43	6157	5.059 ug/L #	69
49) Dibromochloromethane	8.23	129	21172	17.902 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	7236	5.062 ug/L #	88

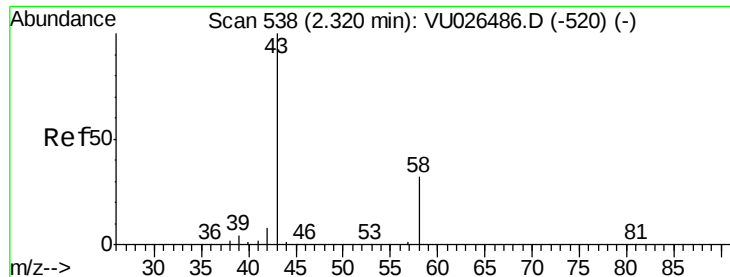
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.856 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026506.D

Acq: 31 Aug 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

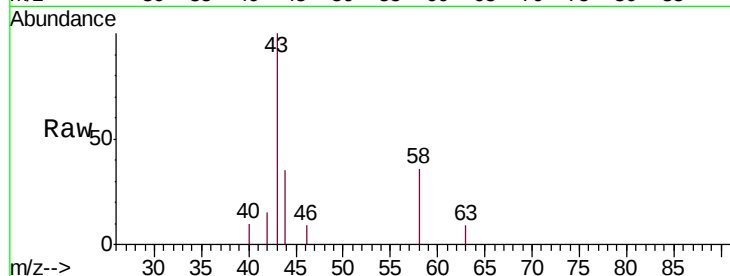
BEE06DL

Tgt Ion: 43 Resp: 1830

Ion Ratio Lower Upper

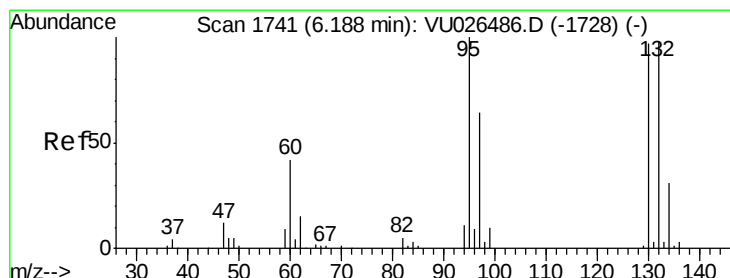
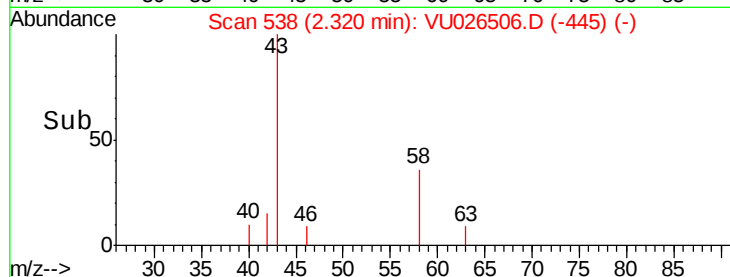
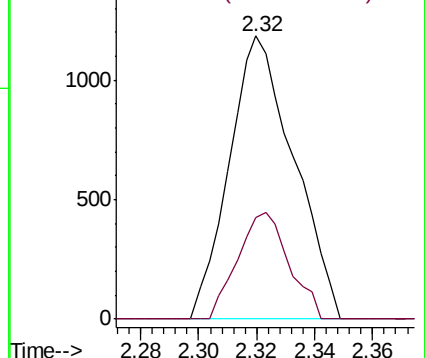
43 100

58 29.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#34

Trichloroethene

Concen: 3.303 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026506.D

Acq: 31 Aug 2018 17:45

Tgt Ion: 95 Resp: 3429

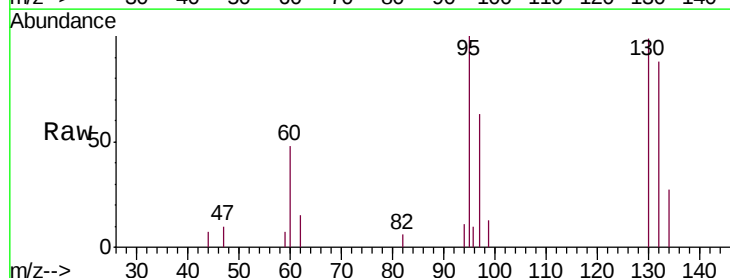
Ion Ratio Lower Upper

95 100

97 63.0 45.1 83.7

132 88.0 67.5 125.3

130 99.2 69.3 128.7

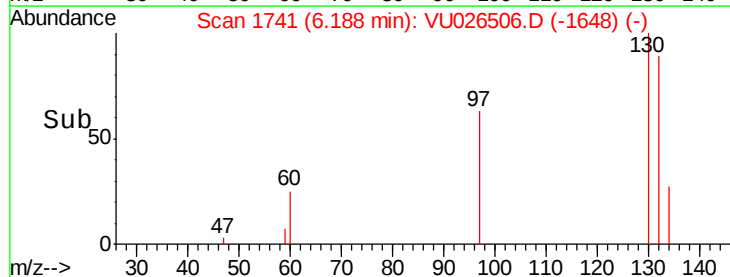
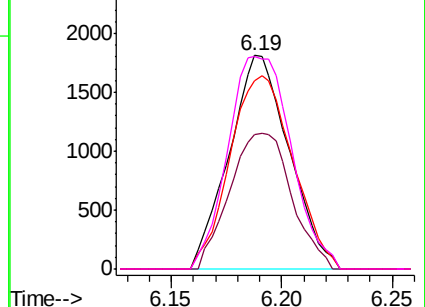


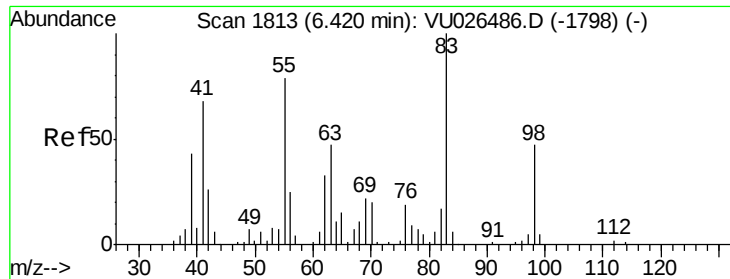
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

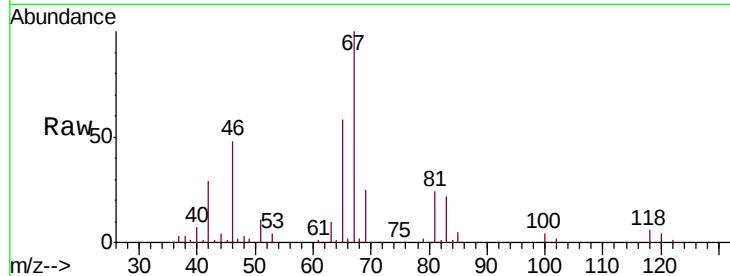




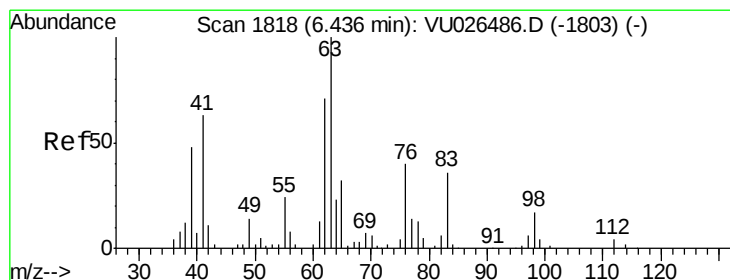
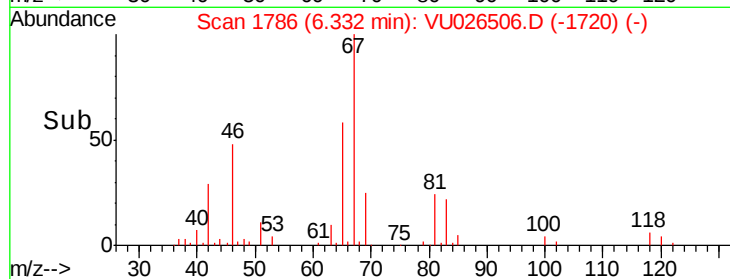
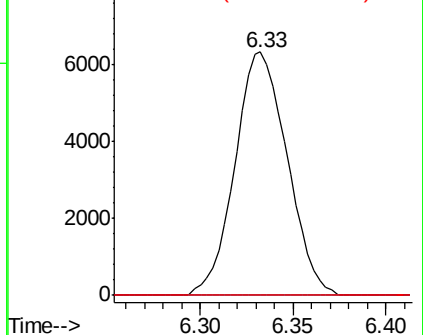
#35
Methylcyclohexane
Concen: 7.616 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026506.D
Acq: 31 Aug 2018 17:45

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Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.3	94.9#
98	0.0	36.7	55.1#

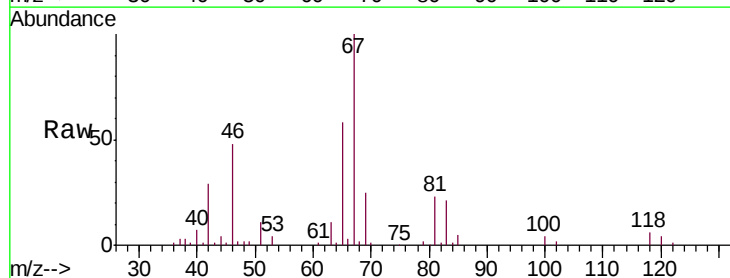


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

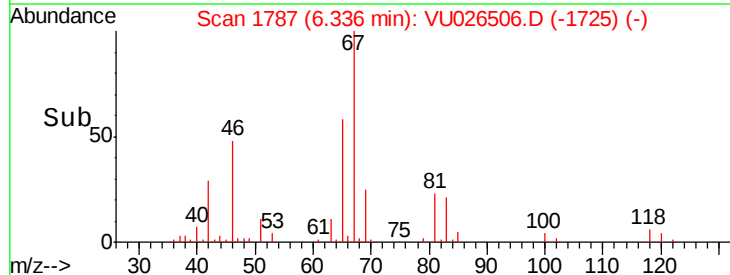
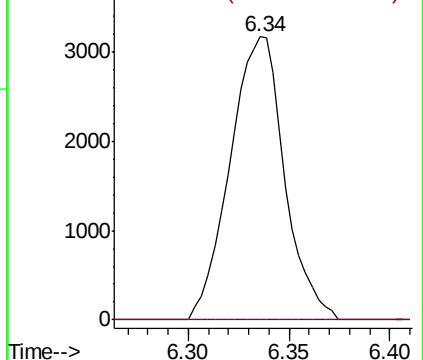


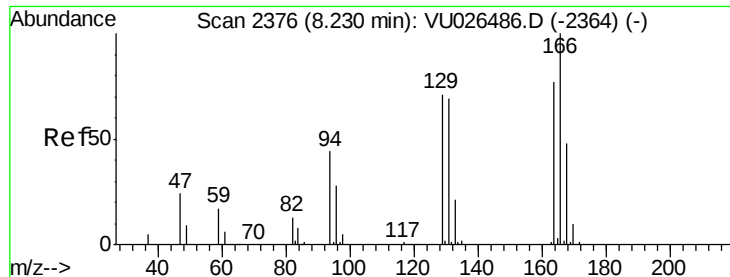
#37
1,2-Dichloropropane
Concen: 5.211 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026506.D
Acq: 31 Aug 2018 17:45

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#46

Tetrachloroethene

Concen: 26.624 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU026506.D

Acq: 31 Aug 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

BEE06DL

Tgt Ion:164 Resp: 22596

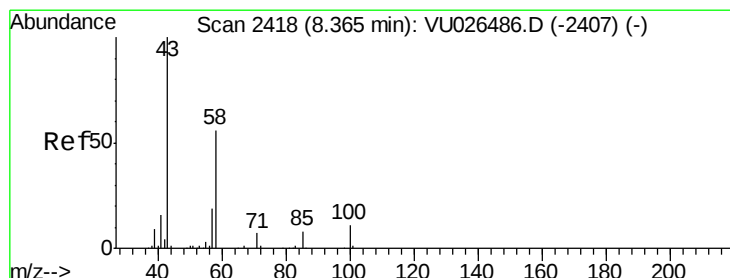
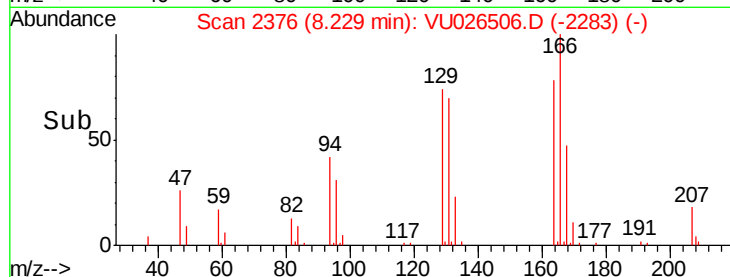
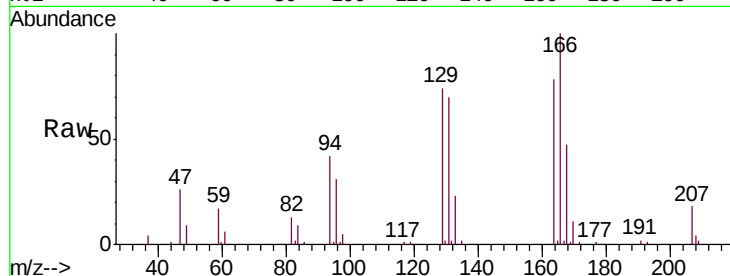
Ion Ratio Lower Upper

164 100

129 94.6 67.3 125.1

131 89.5 65.3 121.3

166 128.4 90.9 168.7



#48

2-Hexanone

Concen: 5.059 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU026506.D

Acq: 31 Aug 2018 17:45

Tgt Ion: 43 Resp: 6157

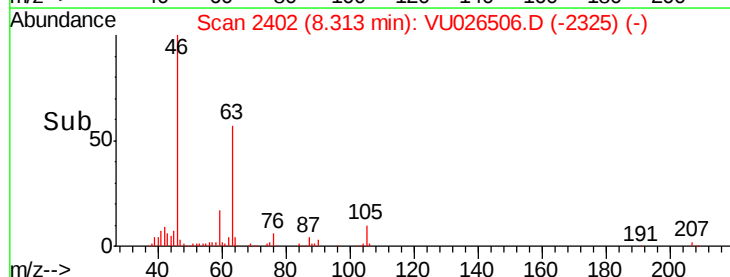
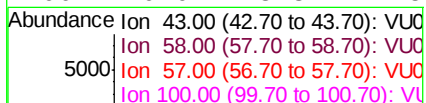
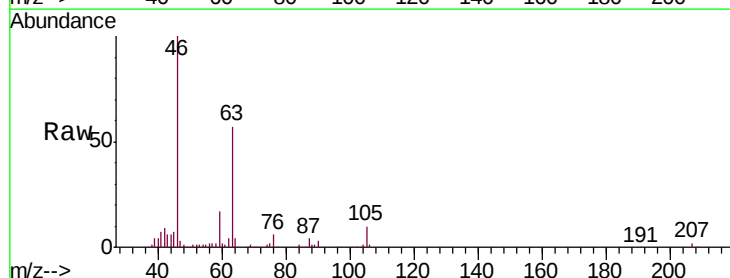
Ion Ratio Lower Upper

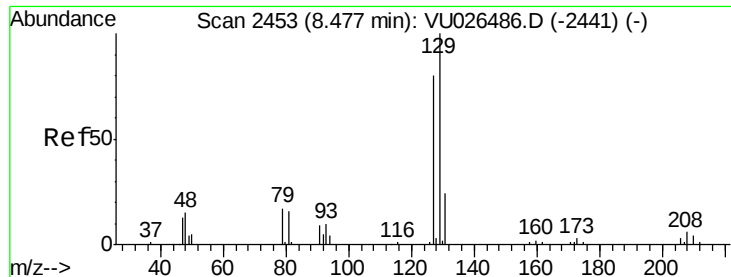
43 100

58 26.7 42.2 63.4#

57 25.8 14.6 21.8#

100 0.0 8.3 12.5#





#49

Dibromochloromethane

Concen: 17.902 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026506.D

Acq: 31 Aug 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

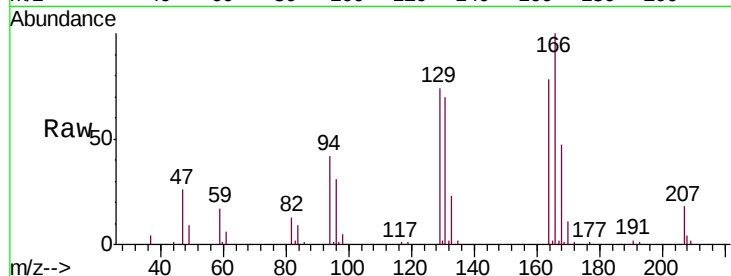
BEE06DL

Tgt Ion:129 Resp: 21172

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.23

15000

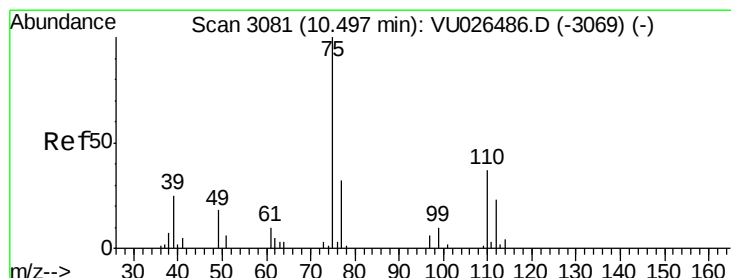
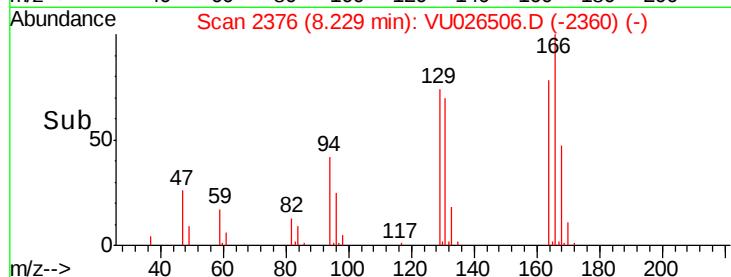
10000

5000

0

Time-->

8.20 8.25



#59

1,2,3-Trichloropropane

Concen: 5.062 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026506.D

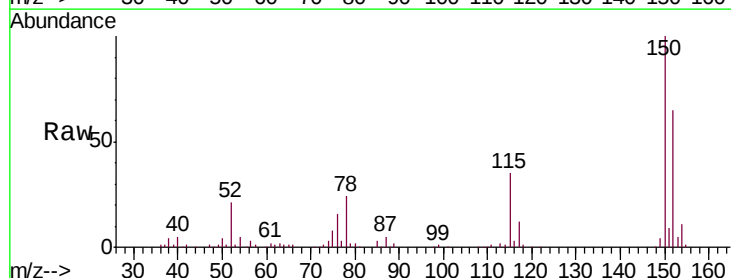
Acq: 31 Aug 2018 17:45

Tgt Ion: 75 Resp: 7236

Ion Ratio Lower Upper

75 100

77 37.8 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.49

5000

4000

3000

2000

1000

0

Time-->

11.45 11.50

